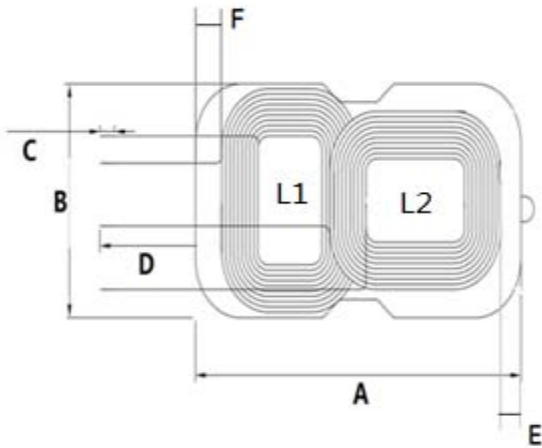


# SPECIFICATION FOR APPROVAL

## 1.MECHANICAL DIMENSION (UNIT:mm)

## 2. SCHEMATICS:



| A      | B      | C     | D    | E   | F     | G      |  | notes |
|--------|--------|-------|------|-----|-------|--------|--|-------|
| 93±1.0 | 52±1.0 | 4.0±2 | 35±3 | 9±2 | 2±1.5 | 6.5MAX |  |       |

## 3.WINDING:

| STEP | START-FINISH | WIRE TYPE        | TURNS     | TAPE | REMARK |
|------|--------------|------------------|-----------|------|--------|
| N1   | S-F          | φ0.08*105mm 2UEW | 9TS (Ref) |      |        |

## 4. ELECTRICAL SPECIFICATION:

| ITEM | L1            | DCR      | L2            | Q值 | HI-POT |
|------|---------------|----------|---------------|----|--------|
| TEST | coil          | S-F      | coil          |    |        |
| CON  | 100KHz, 0.25V | AT 25℃   | 100KHz, 0.25V |    |        |
| SPEC | 7.2uH±10%     | 60mΩ Max | 6.8uH±15%     |    |        |

## 5.BILF OF MATERIAL:

| NO. | ITEM                           | MATERIAL SPECIFICATION                    | MANUFACTURER         | SGS NO. |
|-----|--------------------------------|-------------------------------------------|----------------------|---------|
| 1   | 0.08*105                       | Acetone silk wrap0.08*105                 | NANJINGJINNINGCO,LTD |         |
| 2   | Solder bar                     | Solder bar                                | QIAODO               |         |
| 3   | magnetic sheet                 | φ47*52 Manganese zinc hard magnetic sheet | TAIYI CO.,LTD        |         |
| 4   | glue                           | Yellow Glue9999                           | LIANCHENG CO.,LTD    |         |
| 5   | High temperature adhesive tape | 8mm                                       | CUDAK CO.,LTD        |         |
| 6   | EVA                            | φ92.5*51.5*1.0                            | CUDAK CO.,LTD        |         |

|                          |            |             |     |
|--------------------------|------------|-------------|-----|
| HRSW ELECTRONICS CO.,LTD |            | PART NO     |     |
|                          |            | TITLE       | A28 |
| DRAWN BY                 | CHECKED BY | APPROVED BY |     |
|                          |            |             |     |

# SPECIFICATION FOR APPROVAL

| 6. SAMPLE TEST DATA          |               |               |            |       |         |       |             |  |  |
|------------------------------|---------------|---------------|------------|-------|---------|-------|-------------|--|--|
| 6. 1DIMENSION TEST (UNIT:mm) |               |               |            |       |         |       |             |  |  |
| TEST ITEM                    | A             | B             | C          | D     | E       | F     | G           |  |  |
| SPEC                         | 93±1.0        | 52±0.5        | 4.0±2      | 35±3  | 9±2     | 2±1.5 | 6.5MAX      |  |  |
| 1                            | 93.5          | 52            | 4.05       | 35    | 8.69    | 2.15  | 4.05        |  |  |
| 2                            | 92.78         | 51.6          | 4.06       | 33    | 8.70    | 2.10  | 4.06        |  |  |
| 3                            | 93.6          | 51.9          | 3.98       | 34    | 9.00    | 1.98  | 3.08        |  |  |
| 4                            | 92.5          | 52.04         | 3.86       | 33    | 9.01    | 2.05  | 4.07        |  |  |
| 5                            | 92.6          | 52.03         | 3.96       | 34    | 8.89    | 2.04  | 3.06        |  |  |
| 6                            |               |               |            |       |         |       |             |  |  |
| 7                            |               |               |            |       |         |       |             |  |  |
| 8                            |               |               |            |       |         |       |             |  |  |
| 9                            |               |               |            |       |         |       |             |  |  |
| 10                           |               |               |            |       |         |       |             |  |  |
| MAX                          | 93.60         | 52.04         | 4.06       | 35.00 | 9.01    | 2.15  | 4.07        |  |  |
| MIN                          | 92.50         | 51.60         | 3.86       | 33.00 | 8.69    | 1.98  | 3.06        |  |  |
| AVERAGE                      | 93.00         | 51.91         | 3.98       | 33.80 | 8.86    | 2.06  | 3.66        |  |  |
| 6. 2ELECTRICAL TEST          |               |               |            |       |         |       |             |  |  |
| TEST ITEM                    | L1            | L2            | DCR        | IDC   |         | Q     | HI-POT      |  |  |
|                              | S-F           |               | S-F        |       |         |       |             |  |  |
| TEST COND                    | 100KHz/0.25v  |               | AT 25℃     |       |         |       |             |  |  |
| SPEC                         | 7.2uH<br>±10% | 6.8uH<br>±10% | 60mΩ (Max) |       |         |       |             |  |  |
| 1                            | 7.16          | 6.81          | 45.00      |       |         |       |             |  |  |
| 2                            | 7.20          | 6.82          | 43.80      |       |         |       |             |  |  |
| 3                            | 7.19          | 6.83          | 44.60      |       |         |       |             |  |  |
| 4                            | 7.21          | 6.79          | 43.80      |       |         |       |             |  |  |
| 5                            | 7.23          | 6.82          | 45.15      |       |         |       |             |  |  |
| 6                            |               |               |            |       |         |       |             |  |  |
| 7                            |               |               |            |       |         |       |             |  |  |
| 8                            |               |               |            |       |         |       |             |  |  |
| 9                            |               |               |            |       |         |       |             |  |  |
| 10                           |               |               |            |       |         |       |             |  |  |
| MAX                          | 7.23          | 6.83          | 45.15      |       |         |       |             |  |  |
| MIN                          | 7.16          | 6.79          | 43.80      |       |         |       |             |  |  |
| AVERAGE                      | 7.20          | 6.81          | 44.47      |       |         |       |             |  |  |
| HRSW ELECTRONICS CO., LTD    |               |               |            |       | PART NO |       |             |  |  |
|                              |               |               |            |       | TITLE   |       |             |  |  |
| DRAWN BY                     |               |               | CHECKED BY |       |         |       | APPROVED BY |  |  |
|                              |               |               |            |       |         |       |             |  |  |